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Article 34 Amendment

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WRITTEN AMENDMENT

(Amendment under the provision of Law Section 11)

Commissioner of the Patent Office: Mr. HIRAI, Hiroaki

1. Indication of International Application:

PCT/JP2004/005070

2. Applicant:

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4. Subject of the Amendment:

Description and claims

5. Content of the Amendment:

The description and claims are hereby amended as shown
in attached papers. Namely,

- (1) Page 8, lines 16 of the description (corresponding to
page 13, line 16 of the translation), amend "Examples of the

fiber which forms the fiber structure of the invention include organic polymer such as synthetic polymer and natural polymer; and inorganic compounds such as glass fiber and titania fiber. Of these, fibers made of an organic polymer are preferable in view of mechanical properties and handling properties." to -- The fiber which forms the fiber structure of the invention is one made of an organic polymer in view of mechanical properties and handling properties. ---.

(2) Claim 1 on page 30 (corresponding to page 45 of the translation), amend "A catalyst-supporting fiber structure having a catalyst supported on a fiber constituting a fiber structure, which is characterized in that the fiber has an average fiber diameter of not more than 1 μm and that a fiber having a fiber length of not more than 20 μm is not substantially contained." to -- A catalyst-supporting fiber structure having a catalyst supported on a fiber made of an organic polymer constituting a fiber structure, which is characterized in that the fiber has an average fiber diameter of not more than 1 μm and that a fiber having a fiber length of not more than 20 μm is not substantially contained. ---.

(3) Cancel claim 10 on page 31 (corresponding to page 46 of the translation).

(4) Claim 11 on page 31 (corresponding to page 46 of the translation), amend "The catalyst-supporting fiber structure according to claim 10, wherein the fiber is made of

polyacrylonitrile or a compound resulting from a thermal treatment of polyacrylonitrile." to -- The catalyst-supporting fiber structure according to claim 1, wherein the fiber is made of polyacrylonitrile or a compound resulting from a thermal treatment of polyacrylonitrile. --.

(5) Claim 12 on page 31 (corresponding to page 46 of the translation), amend "The catalyst-supporting fiber structure according to claim 10, wherein the fiber is made of a halogen atom-containing organic polymer." to -- The catalyst-supporting fiber structure according to claim 1, wherein the fiber is made of a halogen atom-containing organic polymer. --.

(6) Claim 14 on page 31 (corresponding to pages 46 to 47 of the translation), amend "The catalyst-supporting fiber structure according to claim 10, wherein the fiber is made of poly(lactic acid)." to -- The catalyst-supporting fiber structure according to claim 1, wherein the fiber is made of poly(lactic acid). --.

(7) Claim 15 on page 31 (corresponding to page 47 of the translation), amend "A production process of a catalyst-supporting fiber structure, which includes a step for dissolving a fiber-forming organic polymer to produce a solution; a step for spinning the solution by the electrospinning method; a step for obtaining a fiber structure as accumulated on a collecting substrate by the spinning; and

a step for supporting a catalyst on the fiber structure." to
-- A production process of the catalyst-supporting fiber structure according to claim 1, which includes a step for dissolving a fiber-forming organic polymer to produce a solution; a step for spinning the solution by the electrospinning method; a step for obtaining a fiber structure as accumulated on a collecting substrate by the spinning; and a step for supporting a catalyst on the fiber structure. --.

(8) Claim 19 on page 31 (corresponding to pages 47 to 48 of the translation), amend "A production process of a catalyst-supporting fiber structure, which includes a step for dissolving a fiber-forming organic polymer and a catalyst precursor in a solvent to produce a solution; a step for spinning the solution by the electrospinning method; a step for obtaining a fiber structure as accumulated on a collecting substrate by the spinning; and a step for treating the catalyst precursor contained in the fiber structure to form a catalyst." to -- A production process of the catalyst-supporting fiber structure according to claim 1, which includes a step for dissolving a fiber-forming organic polymer and a catalyst precursor in a solvent to produce a solution; a step for spinning the solution by the electrospinning method; a step for obtaining a fiber structure as accumulated on a collecting substrate by the spinning; and a step for treating the catalyst precursor contained in the fiber

structure to form a catalyst. --.

(9) Claim 22 on page 32 (corresponding to page 48 of the translation), amend "A production process of a catalyst-supporting fiber structure, which includes a step for dissolving a fiber-forming compound in a solvent and further dispersing a catalyst particle in the solution to produce a dispersion solution; a step for spinning the dispersion solution by the electrospinning method; and a step for obtaining a catalyst-supporting fiber structure as accumulated on a collecting substrate by the spinning." to --

A production process of the catalyst-supporting fiber structure according to claim 1, which includes a step for dissolving a fiber-forming compound in a solvent and further dispersing a catalyst particle in the solution to produce a dispersion solution; a step for spinning the dispersion solution by the electrospinning method; and a step for obtaining a catalyst-supporting fiber structure as accumulated on a collecting substrate by the spinning. --.

(10) Claim 23 on page 32 (corresponding to page 48 of the translation), amend "The fiber structure according to claim 22, wherein the catalyst particle is a particle having a particle size in the range of from 1 to 100 μm ." to -- The production process of a catalyst-supporting fiber structure according to claim 22, wherein the catalyst particle is a particle having a particle size in the range of from 1 to 100

μm . ---.

(11) Claim 24 on page 32 (corresponding to page 48 of the translation), amend "The catalyst-supporting fiber structure according to claim 23, wherein the catalyst has a primary particle size of from 1 to 100 μm ." to -- The production process of a catalyst-supporting fiber structure according to claim 23, wherein the catalyst has a primary particle size of from 1 to 100 μm . ---.

6. List of Attached Documents:

- (1) Paper to be substituted for page 8 of the description (omitted in the translation)
- (2) Pages 30, 31-1, 31-2 and 32 (corresponding new pages 45 to 49 of the translation)